



Mayor's Bicycle Advisory
Commission 03.31.2021

Agenda

1. Approve February minutes
2. Community Updates
 - a. Community updates and events, city events, and other public announcements
3. City Updates
 - a. Planning
 - Zoning
 - Greenway Trail Network
 - a. BPD
 - b. BCRP
 - c. DOT
 - Dockless Vehicle Update
 - Bike Consultant Support Team
 - MBAC Goal Review
4. Committee Updates
5. Miscellaneous Business
 - a. Next meeting April 28th



Events

Events Promotion

City Events

- DOT: N/A
- Rec N Parks: Spring outdoor recreation

Community Events

- **Bike Week events April 4-10, several organizations and rides:**
- Baltimore Bikers : Kick-off April 6th at War Memorial Plaza, meet up at 6pm
- Bike More Bmore : Several rides: 4/4 Lake 2 Lake, 4/6 Lake to Lake , 4/8 Fort McHenry, 4/7 Quarry; 4/10 Mural Ride. **4/27 Wine and Ride**. See Calendar.
- Bikemore:
 - April 3rd Mobile Bike Shop 9am @ 2209 Maryland Ave (or at Park?)
 - April 24th Cycling Smart 301 Group Ride 12-2pm @ 2209 Maryland Ave
- **Black People Ride Bikes (BPRP)** – Thursday night conditioning rides at Lake Montebello 6pm
- Maintenance and Mingle – HOLD– See website

Other Recurring Rides and Community Events

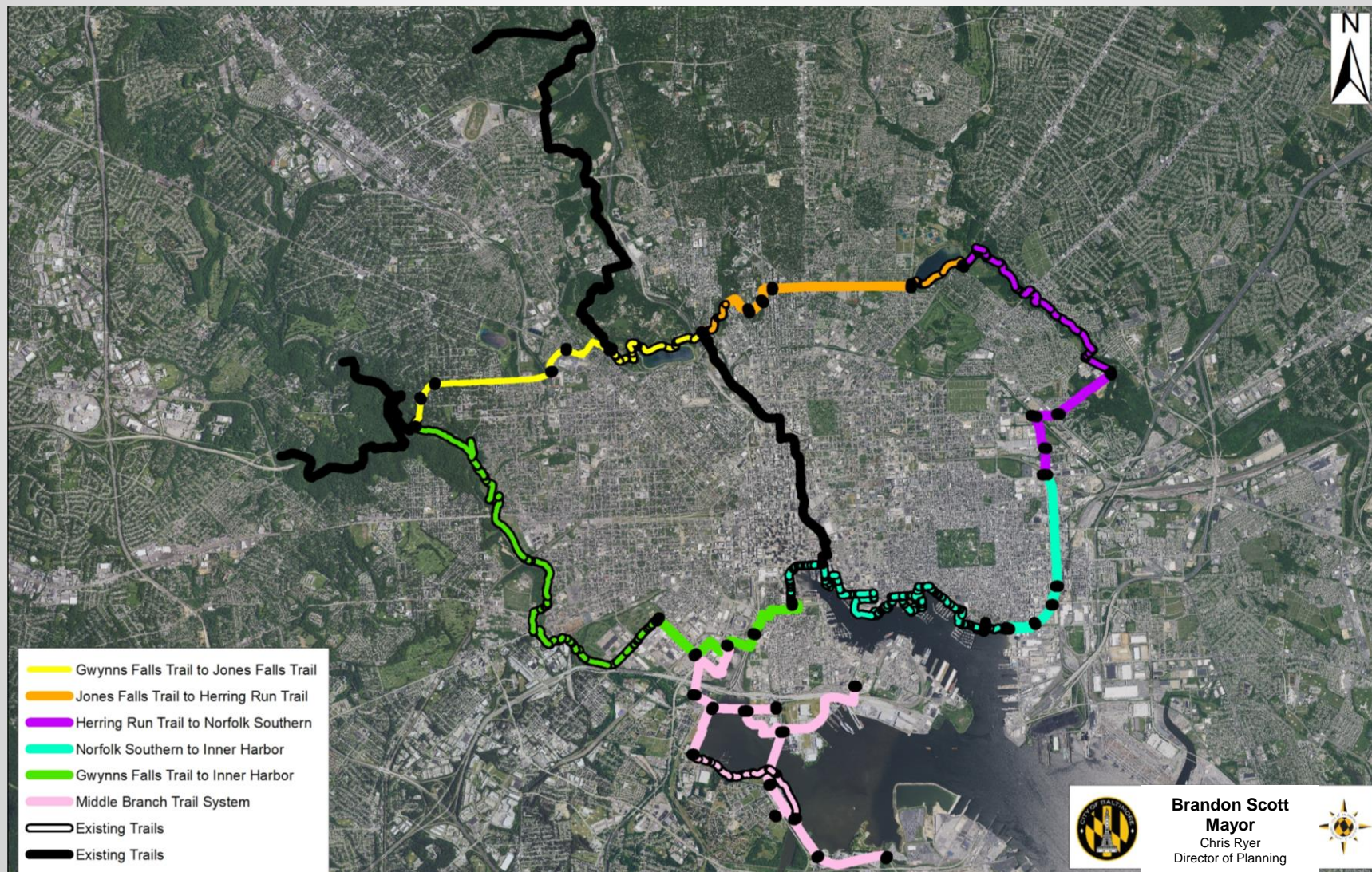
Community Updates

Open to any other community announcements:



Updates: Planning

City Planning: Zoning and Baltimore Greenway Trail Network



Updates: BPD

Updates:

- New Commissioner Col. Monique Brown beginning next month.



Updates: RecNParks

Updates:

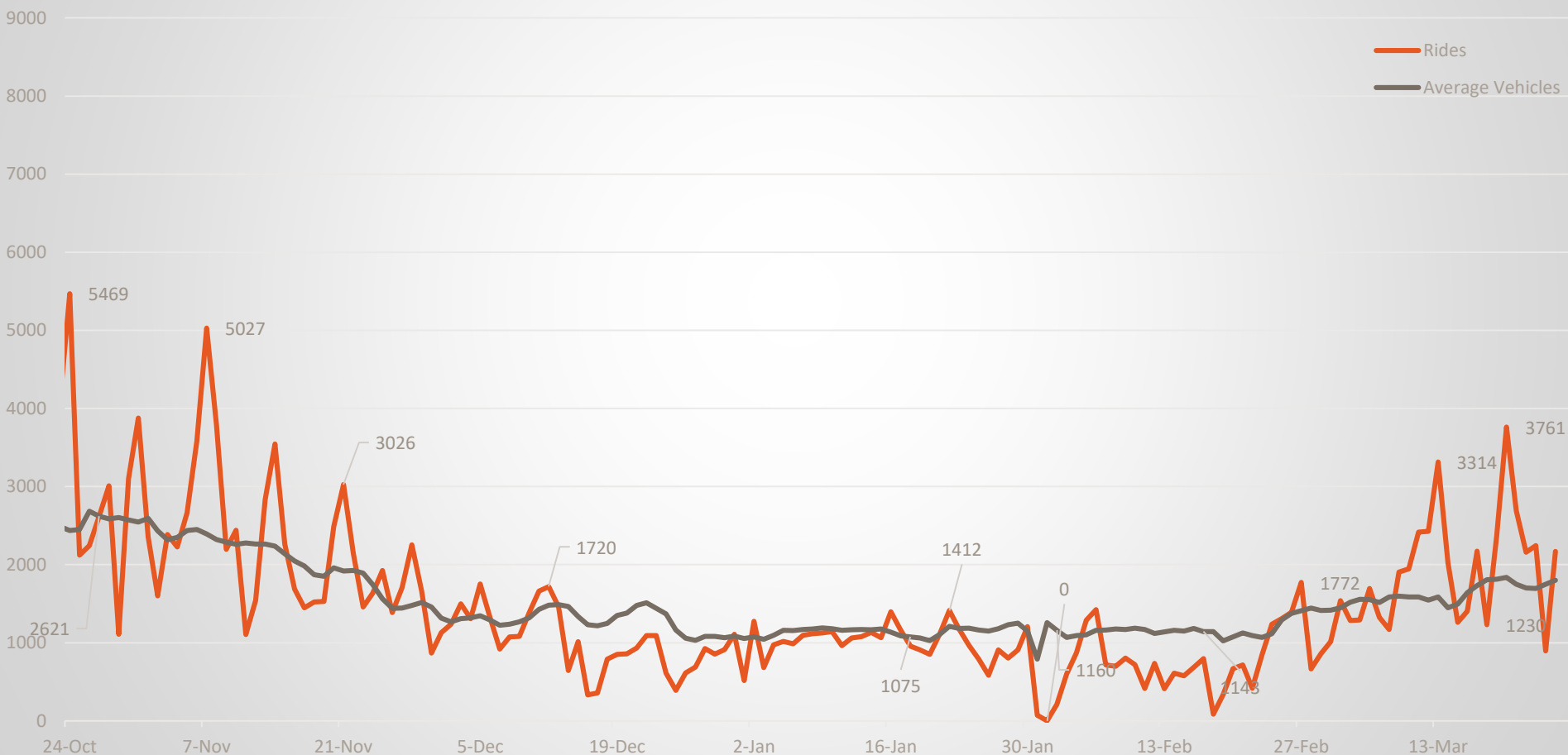
- 2021 Spring Outdoor Programming
- Bike Maintenance update
- Safety City Event



Dockless Program: Data Updates

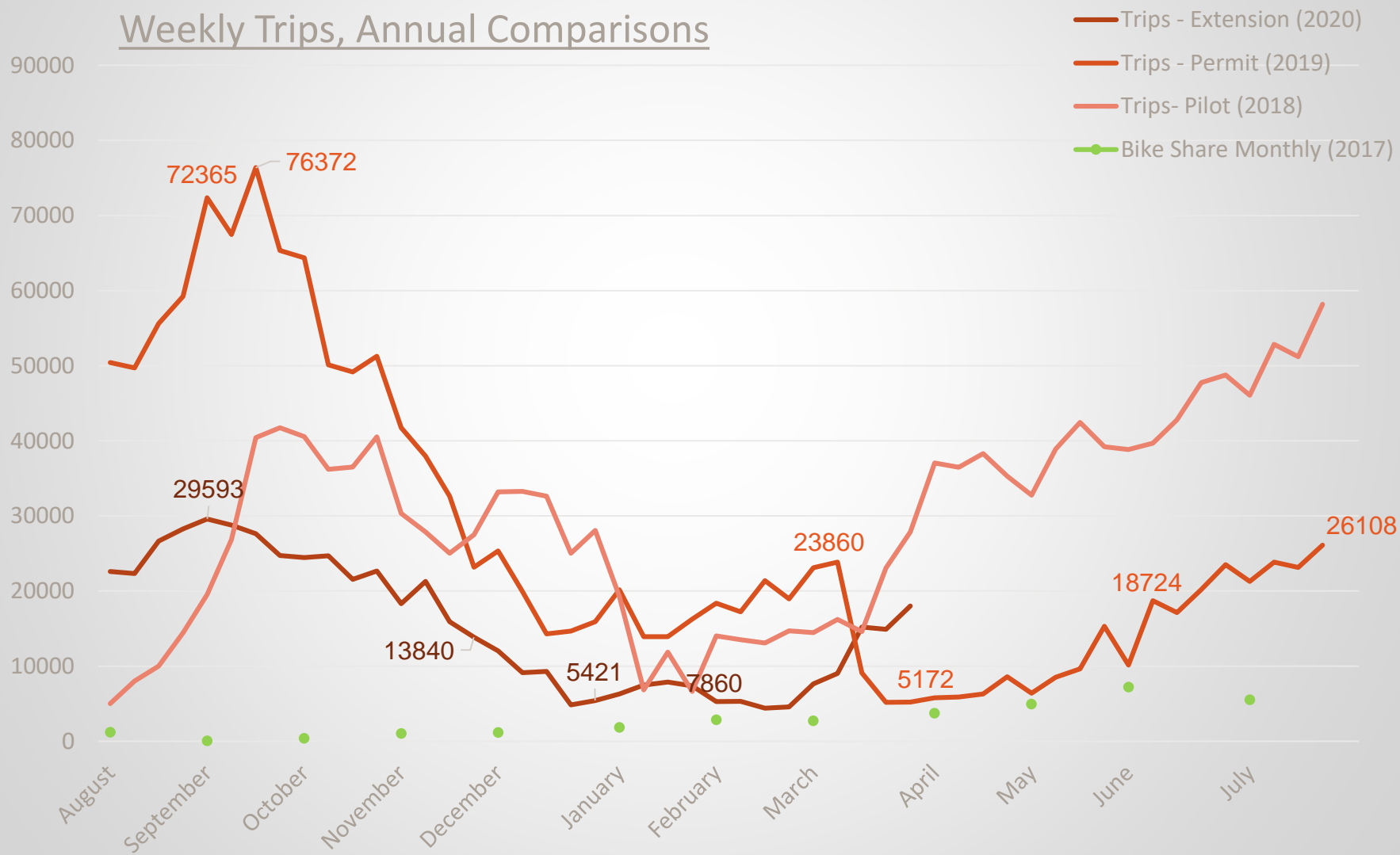
Daily Average Vehicles Deployed* and Total Daily Trips

**When previously reporting "Vehicles" the max number of vehicles were used. DOT will now use the daily average, as recommended by the MDC.*



Dockless Program: Data Updates

Weekly Trips, Annual Comparisons



Dockless Program

Dockless Vehicle Permits will now expire on June 30, 2021, per Governor Hogan's Executive Order amendment on March 9, 2021.

DOT will initiate a new permit with the following schedule:

| Date | Step |
|-------------------------|--|
| Week of 4/1/2021 | Release proposed Rules & Regulation for 30 days of Public Comment |
| 4/14/2021 | Dockless Vehicle Committee meeting focused on Rules & Regulations public comments |
| Week of 5/3/2021 | Release Final Rules & Regulations, Public Comment Report, and Permit Fee Schedule |
| Week of 5/10/21 | Permit Application Opens |
| 5/12/2021 | Dockless Vehicle Committee meeting focused on Permit Application questions |
| Week of 6/1/21 | Permit application review by panel of interagency City staff |
| Week of 6/7/21 | Permits are awarded |
| Week of 7/1/21 | New Permits become active |

BCDOT BIKE PROGRAM SUPPORT

Presented to:



DEPARTMENT OF TRANSPORTATION
BALTIMORE CITY

MBAC

Presented by:



TOOLE
DESIGN

KITTELSON
& ASSOCIATES

KITTELSON
& ASSOCIATES





PRIORITIZATION CRITERIA

6 Step Prioritization Approach

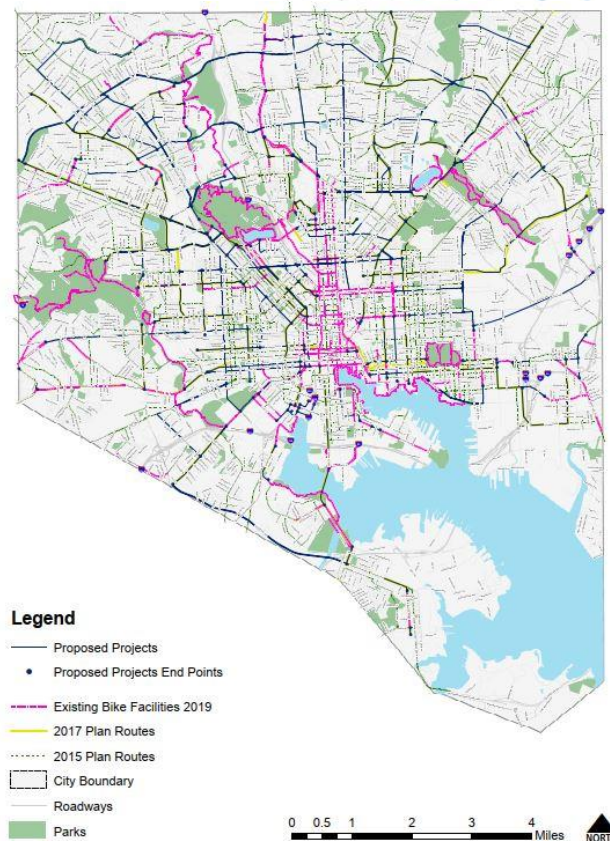
1. High Level Screening
2. Data Driven Prioritization
3. Consideration Based Prioritization
4. Facility Type Identification
5. Network Development
6. **Short, Medium and Long Term Tiered Project Identification**



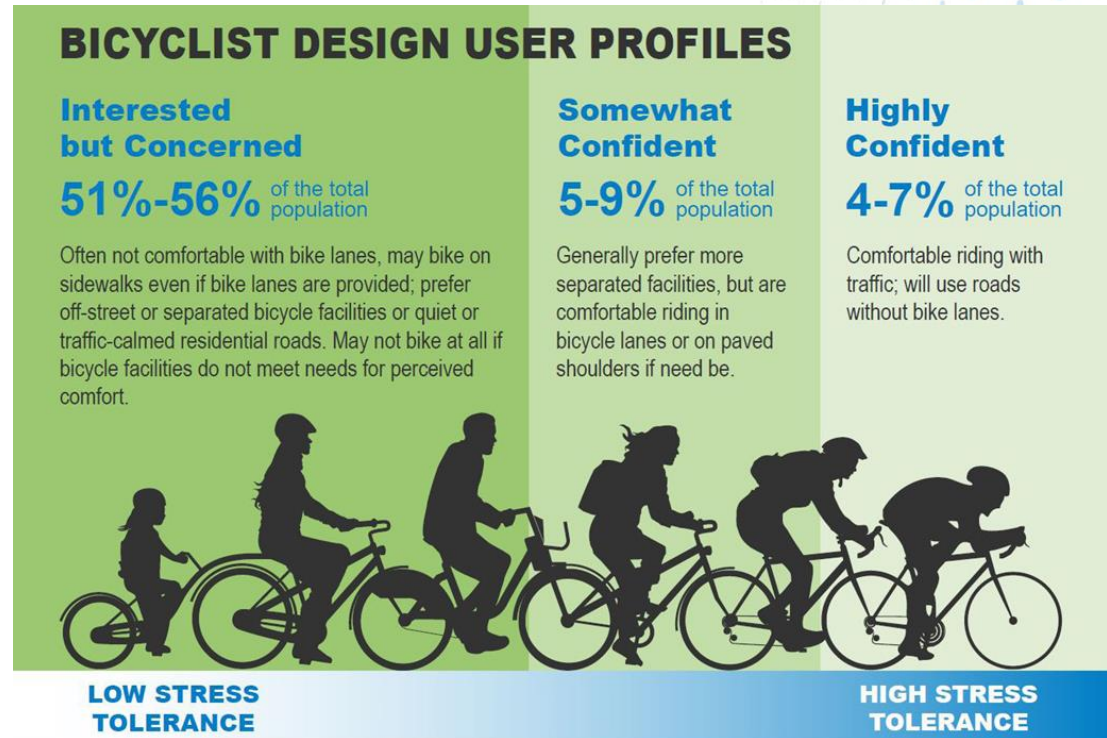


REDUCED PROJECT LIST APPROACH

- Reduced original Project list from 108 to 81 Projects
 - Converted to 3 tiered user profiles
 - Incorporated FHWA Bikeway Selection Guide Elements (Speed & Volume)
 - Identified “All Ages and Abilities” facilities
 - Developed constructability / feasibility project assessment
 - Ranked proposed projects based on prioritization metrics
 - Developed tiered project approach



FOUR TIER TO THREE TIER USER PROFILE CONVERSION



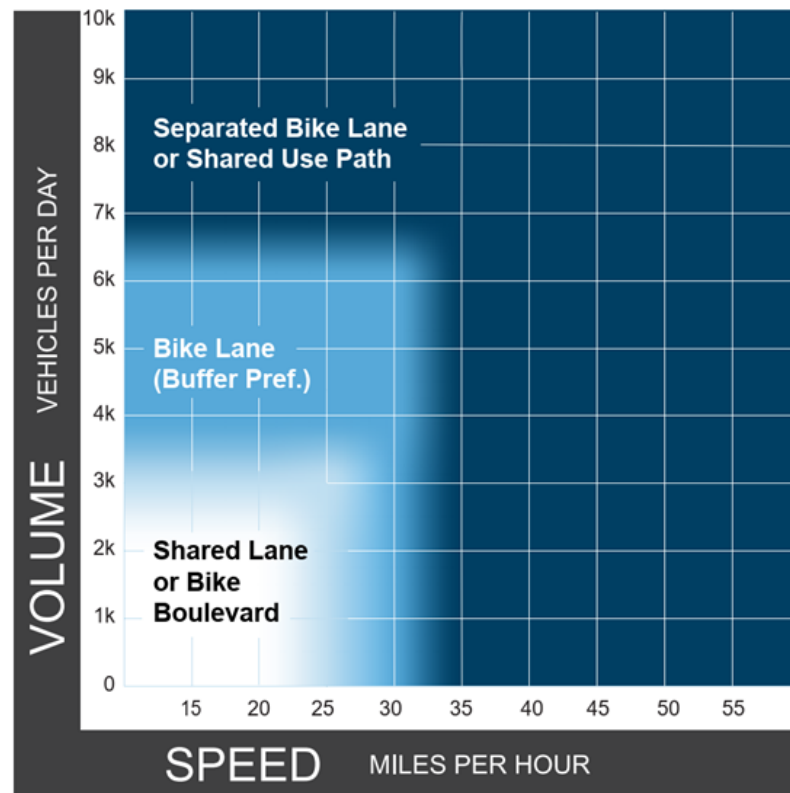
2019 FHWA Bikeway Selection Guide





STEP 4: FACILITY TYPE IDENTIFICATION

- Use Factors including:
 - Mainly volumes & posted or observed speeds
 - Additional factors include:
 - Origins/Destinations,
 - Road Widths,
 - On-Street Parking, bump outs, etc.
 - Connection to Existing Infrastructure



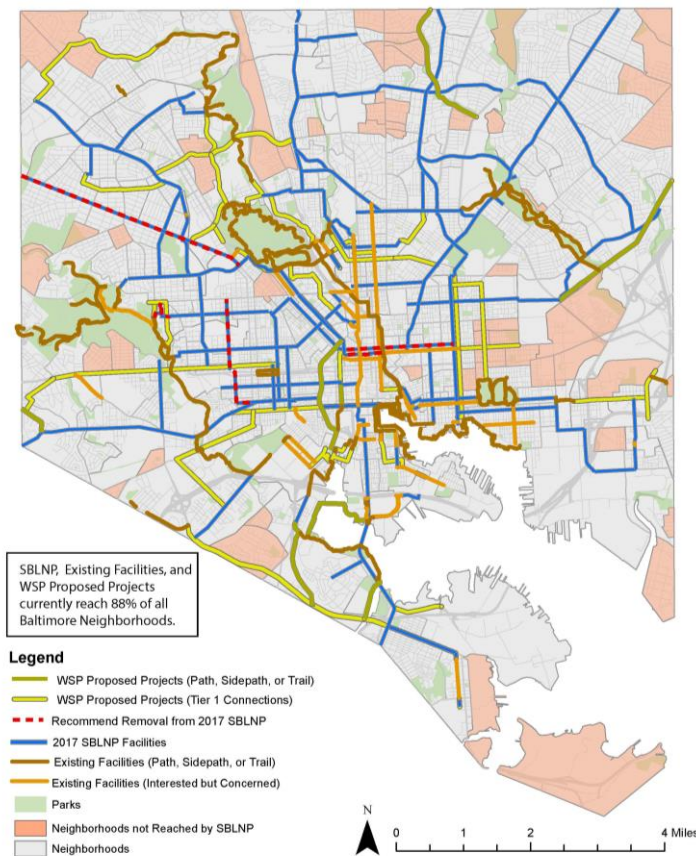
2019 FHWA Bikeway Selection Guide



2017 SBLNP ASSESSMENT

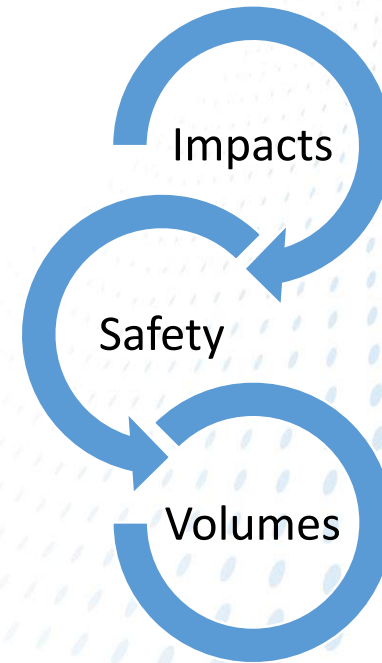
- Reviewed combined 2017 SBLNP and Existing Facility network
 - Identified and removed redundant movements
 - Proposed additional bike facilities to improve City-wide neighborhood accessibility
- Combined Existing Facilities, 2017 SBLNP & Proposed Projects into a larger bike network that increases access to local neighborhoods by 10%

WSP Proposed Projects (User Group 1 Connections)



Constructability / Feasibility Project Assessment

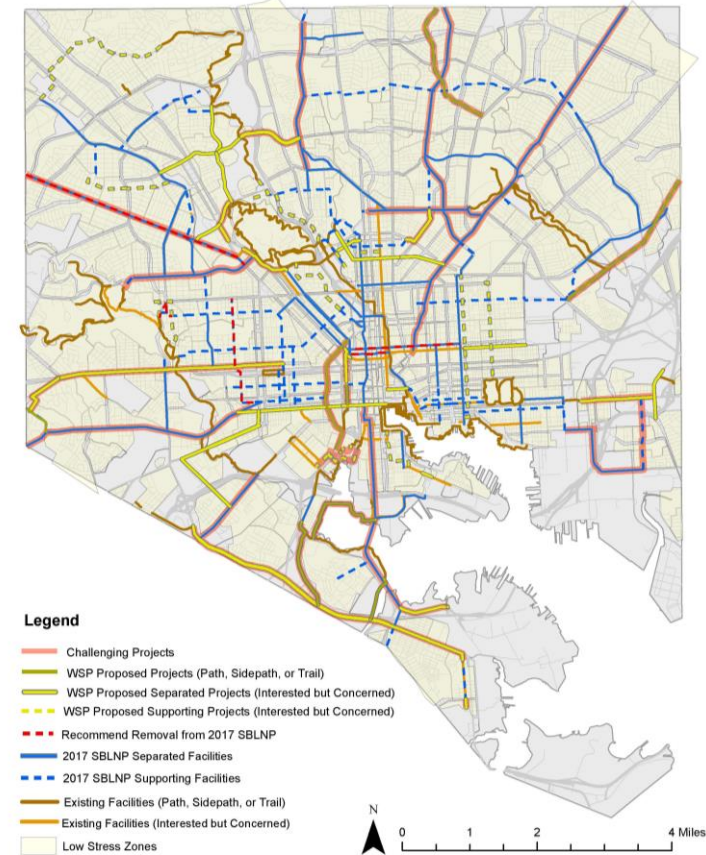
- Analyzed potential projects to determine their level of constructability concerns
 - **Infrastructural Impacts**
 - Travel lanes, parking, lane narrowing
 - **Spatial / Safety Considerations**
 - Volume / Capacity Ratio
 - Lane repurposing needs
 - Travel Speeds / AADTs
 - **Perceived Design / Construction Cost**
 - Low, medium, high
 - **Modal Considerations**
 - MTA Citylink or Fixed Bus Route
 - Identified as a MTA Priority Corridor
 - **Right of Way Needs**
 - Unexpected, possible, likely



INTERESTED BUT CONCERNED BIKE NETWORK (81 PROJECTS)

- Existing Facilities
 - Interested but Concerned User Group Level
 - Side Path & Trails
- Modified 2017 Separated Bike Network Plan
 - Separated
 - Supporting (Low stress islands)
- Proposed Projects
 - Side Path & Trails
 - Separated and Supporting Facilities
- Challenging Projects
 - Based on constructability and feasibility assessment

Interested But Concerned Network





Tiered Project Approach

- Evaluated prioritization rankings based on key performance metrics
- Developed “Interested but Concerned” network tiers (5 to 8 projects per tier)
- Modified tiered project bundles in order to create a logical connected network of projects

| Tier | Percent of Neighborhoods Connected to | Added Lane Miles |
|--|---------------------------------------|------------------|
| Existing Routes (Interested but concerned) | 32% | 67 mi |
| Tier 1 | 46% | 98 mi |
| Tier 2 | 59% | 124 mi |
| Tier 3 | 66% | 140 mi |
| Tier 4 | 69% | 154 mi |
| Tier 5 | 72% | 165 mi |
| Tier 6 | 75% | 184 mi |
| Tier 7 | 83% | 202 mi |





Prioritization Program Benefits

- **Prioritized Ranked Projects**
 - Bike infrastructure projects are evaluated using performance based metrics
- **Data Driven Decisions**
 - Decisions on when and where bike improvements will be implemented is based on data analytics reducing subjective or anecdotal decisions
 - Allows better community outreach and confidence in the usefulness and purpose of the bike program
- **Annual Program Development**
 - A combination of short, medium and long term projects can be identified using a combination of prioritization, cost and user group accessibility.
- **Increased All Ages and Abilities access**
 - Moves towards a bike network that addresses mobility and accessibility of “Interested but Concerned” users reducing gaps and providing clear access throughout the network with their level of comfort and abilities in mind.





Public Outreach/Engagement

- Bike Testimonials (**ONGOING**)
 - Engage with local bike champions and **highlight their stories** via public ad placements and social media
 - Developed a **campaign framework** and **criteria** for type of perspectives sought
 - Created a proof of concept for social media and story map content
 - Seeking initial candidates
 - Engaging with potential bike champions during Baltimore Bike Week rides and events
 - Contact Matt with any suggestions



Thank you



DOT: CIP

DEPARTMENT OF TRANSPORTATION BALTIMORE CITY

DOT FY 2022 Requests – Bikes:

| CIP No | Description | Federal | CTB | General | Other | TOTAL |
|---------|--|---------|-----|---------|-------|-------|
| 508-019 | Citywide Bike and Pedestrian Improvements / Bike Master Plan | | | 500 | | 500 |
| 508-102 | Bike Master Plan – Eutaw Place | | | 230 | | 230 |
| 508-131 | Bush Street Cycle Track | | | 315 | | 315 |
| 508-146 | Big Jump Conversion / Druid Park Lake Drive | | | 300 | | 300 |



TOTAL:
\$1.345 Million

DOT: “Bike Contract”

CIP Overview:

- FY21 \$500K commitment from Bike Account Reserves
- Previous CIP projects Pratt Street and Potomac
- Funds transferred to establish local match funds for grant projects including Northern Segments of Greenway Trail
- Remaining funds to Bike Network Plan, including Rapid Enhancement plan (REP).

“Earmarked” Bike Projects:

- Awaiting contract to be executed for project delivery.
- REP projects to include: Mount Royal Streetscape; Sharp extension; Madison Avenue; 27th Street
- West Baltimore Bike Boulevard Plan
- Harford Road Bridge marking

DOT: “Bike Contract”

Bike Contract Progress

Overview:

- Establishing a Vision Zero and Bike Program Construction and Maintenance Contract
- Including design specs for specific bike and pedestrian products and installation methods (Ex: Bike Counters)
- Consistent meetings with Contracts Admin and TEC to finalize contract materials
- Develop expertise in bike/ped specific projects, increase efficiency, roll out Vision Zero safety improvements, Rapid Enhancement Plan, and Quick Builds

Next steps:

- Contract book complete
- Need contracts to confirm advertisement dates in April
- Award in May
- Begin Construction in June

Updates: DOT THIS MONTH

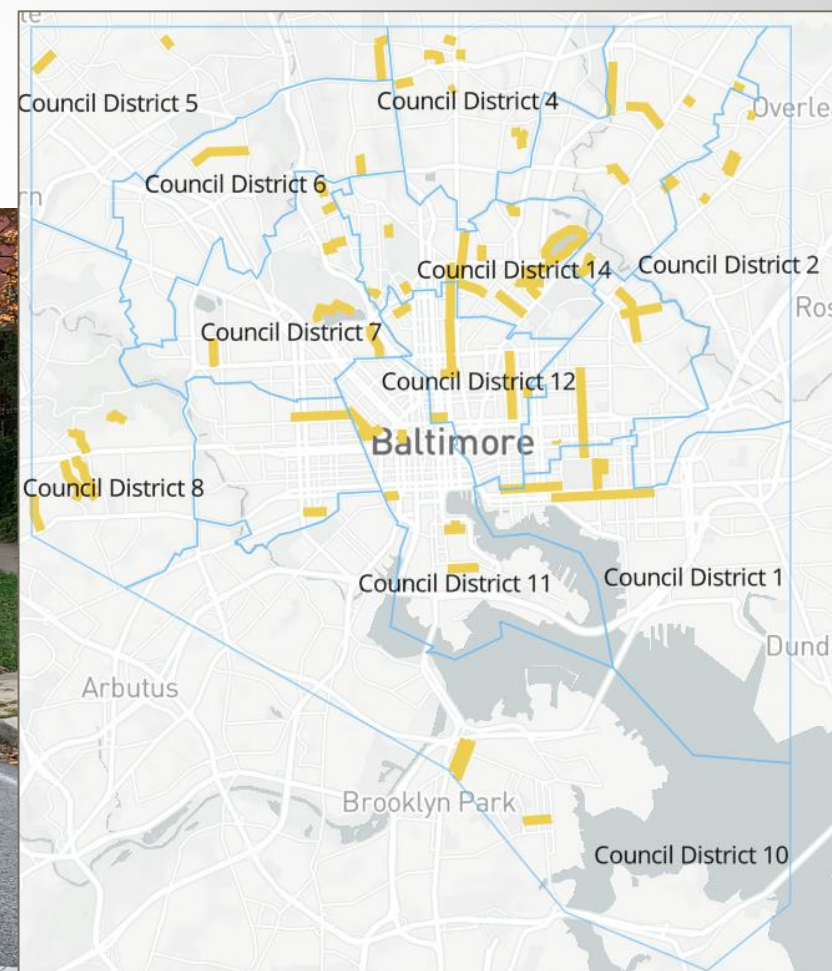
| Task | Partners | Notes |
|--|--|--|
| Eutaw Place Concept Development | Study led by McCormick Taylor | Concept development of various cross sections and options. |
| Wolfe/Washington Existing Conditions Analysis | Study led by RKK | Third public meeting scheduled for Spring. |
| Bush Street Concept Development | Study led by Toole Design Group | Draft cross sections and materials. Schedule stakeholder meetings and begin public outreach. |
| Bush Street Survey | | |
| Melrose Avenue Construction | DOT Internal | Incorporating into Spring construction schedule. Design edits. Final outreach forthcoming. |
| Greenway Trail Network – Northern Segments | Study led RKK | Begin stakeholder meetings on outreach including inter-agency briefings. |
| Big Jump Assessment Data Collection/Analysis | Study led by Toole Design Group | Final Draft update. Scheduling release date. |
| Big Jump Relocation | | Propose next steps from evaluation. Requesting CIP funds for transition. |
| Existing Bike Facility Audit | Sabra and Associates conducting the facility audit | Completed. Scheduling repairs with REP and evaluating adjustments. |
| Rapid Enhancement Plan (REP) | DOT Internal | Final review and schedule for construction. |



Slow Streets

Slow Streets Update:

- Initial survey results finalized.
- Working on final report.
- Will reopen requests with evaluation release.
- New installations with enhanced barriers.



MBAC Goals and Strategies

Goals and Strategies

Immediate actions on all Goals and Strategies

- Focus on collaboration and action rather than updates
 - Assign city staff to each goal, lead progress and coordinate
- Improve public communications
- Transparency on commission structure, policy

MBAC Goals:

1. Coordination and Support (Planning)
2. Community Needs (DOT Staff)
3. Elected Officials (Mayor's Office)
4. Funding and Support (Mayor's Office)



MBAC Goals and Strategies

DOT Working Group Recommendations

Immediate Action items:

- **Shift in Operations/Processes**
 1. Provide clarity and transparency in Commissioner roles
 - Agenda Setting
 - Onboarding and tool kit for Commissioners
 - Communications calendar
 2. Presentations and expectations
 - Differentiate between consultant and community groups
 - Finalize presenter form
 3. Commissioner Recruitment
 - More inclusive and intentional
 4. Defined role of Mayor's Office
 - Ongoing through transition
 - MBAC briefing to Mayor's Office



MBAC Goals and Strategies

DOT Working Group Recommendations

Immediate Action items:

- **Shift in Operations/Processes**

- 1. Agenda Setting**

- Recommendations from Commissioners for adding agenda items for group discussion.

- 2. Onboarding and tool kit for Commissioners**

- One-on-one briefing describing general agenda, issues, meeting format, meeting roles and expectations; etc.
- Mayor's Executive Order
- Commission membership and contact information
- Resources: Complete Streets Manual; SBLNP; Greenway Trail Loop; BPD Training Module
- Shared drive for resources
- MBAC Rides and other events
- Others?

- 3. Communications calendar**

- DOT website updates. Calendar and projects pages.
- Webpage updates Commissioners would like to see



Miscellaneous Business

Next meeting date is April 28th, 4-6pm

